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<p>(21) International Application Number: PCT/CA99/00364</p> <p>(22) International Filing Date: 16 April 1999 (16.04.99)</p> <p>(30) Priority Data: 2,228,821 16 April 1998 (16.04.98) CA</p> <p>(71) Applicant (for all designated States except US): NORZYME INC. [CA/CA]; 1700-360 Main Street, Winnipeg, Manitoba R3C 3Z3 (CA).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): GAN, Zhibo [CA/CA]; 212-99 Dalhousie Drive, Winnipeg, Manitoba R3G 3M2 (CA). MARQUARDT, Ronald [CA/CA]; 878 Kilkenny Drive, Winnipeg, Manitoba R3G 4G3 (CA).</p> <p>(74) Agent: ADE & COMPANY; 1700-360 Main Street, Winnipeg, Manitoba R3C 3Z3 (CA).</p>	<p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p>	
<p>(54) Title: <u>COMB-LIKE SOLID PHASE FOR MEASURING ANALYTES</u></p>		
<p>(57) Abstract</p> <p>Herein described is an assay method that greatly simplifies the detection and determination of the identity, amount and activity of molecules with biological activity. The assay allows for the quick and easy measurement of the amount and activity of enzymes, enzyme inhibitors, lectins, receptors and other biologically active substances using a one-step technique for isolating a reactant from a product after completion of the reaction. The method involves the insertion of a probe having an outer surface coated with a reactant into a reaction vessel containing the compounds of interest, allowing the reaction to proceed for a given period of time and then withdrawing the probe from the reaction vessel. The amount of labeled products or reactants in the reaction vessel can then be measured either directly or by determining the quantity of reactant remaining on the probe, without the need for additional steps such as washing.</p>		